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Appliant App
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Sequence 35, Appl
Sequence 8, Appli
                                                                                                                   September 13, 2003, 14:13:52; Search time 30 Seconds (without alignments) 590.942 Million cell updates/sec
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1 MHLIGFFSVACSLLAAALLP......SYSEEVCRCVPSYWKRPQMS 419
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Sequence 3, 1
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Sequence 2,
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Sequence 4,
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/cgn2_6/ptodata/1/iaa/5B_COMB.pep:*
/cgn2_6/ptodata/1/iaa/6A_COMB.pep:*
/cgn2_6/ptodata/1/iaa/6B_COMB.pep:*
/cgn2_6/ptodata/1/iaa/PcTUS_COMB.pep:*
/cgn2_6/ptodata/1/iaa/PcTUS_COMB.pep:*
GenCore version 5.1.6 Copyright (c) 1993 - 2003 Compugen Ltd
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US-08-510-133A-35
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US-08-601-132-33
US-08-706-054A-3
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US-09-911-2
US-09-942-105-2
US-09-442-105-2
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US-08-915-795-5
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                                                                                                                                                                                                                                                                                                                                                             328717 seqs, 42310858 residues
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Maximum Match 100%
Listing first 45 summaries
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Gapop 10.0 , Gapext 0.5
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Match Length
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28 523 22.4 197 4 US-09-481-888-8 Sequence 8, Appli 29 377 16.1 109 4 US-09-469-186-1 Sequence 1, Appli 31 238.5 10.2 232 2 US-08-999-811-7 Sequence 1, Appli 32 238.5 10.2 232 3 US-08-999-811-7 Sequence 7, Appli 33 238.5 10.2 232 3 US-09-042-105-7 Sequence 7, Appli 34 238.5 10.2 232 4 US-09-61-05-7 Sequence 7, Appli 36 235.5 10.2 232 4 US-09-74-708-10 Sequence 10, Appli 35 235.5 10.1 232 4 US-09-244-53-26 Sequence 10, Appli 37 235.5 10.1 232 2 US-08-824-996-9 Sequence 26, Appli 37 228.5 9.7 215 3 US-08-824-996-9 Sequence 26, Appli 38 228.5 9.7 215 3 US-08-824-996-9 Sequence 27, Appli 40 226 9.7 215 3 US-08-864-996-9 Sequence 49, Appli 42 226 9.7 215 4 US-09-69-769-49 Sequence 2, Appli 42 226 9.7 215 4 US-09-69-769-49 Sequence 2, Appli 43 US-08-867-9228-2 Sequence 2, Appli 44 222 9.5 191 3 US-08-807-928-2 Sequence 2, Appli 45 222 9.5 191 3 US-08-807-928-2 Sequence 2, Appli 54 222 9.5 191 3 US-08-807-928-2 Sequence 2, Appli 54 222 9.5 191 3 US-08-807-928-2 Sequence 2, Appli 54 222 9.5 191 3 US-08-807-928-2 Sequence 2, Appli 54 222 9.5 191 3 US-08-807-928-2 Sequence 2, Appli 54 222 9.5 191 3 US-08-807-928-2 Sequence 2, Appli 54 222 9.5 191 3 US-08-807-928-2 Sequence 2, Appli 54 222 9.5 191 3 US-08-807-928-2 Sequence 2, Appli 54 222 9.5 191 3 US-08-807-928-2 Sequence 2, Appli 54 222 9.5 191 3 US-08-807-928-2 Sequence 2, Appli 54 222 9.5 191 3 US-08-807-928-2 Sequence 2, Appli 54 222 9.5 191 3 US-08-807-928-2 Sequence 2, Appli 54 222 9.5 191 3 US-08-807-928-2 Sequence 2, Appli 54 222 9.5 191 3 US-08-807-928-2 Sequence 2, Appli 54 222 9.5 191 3 US-08-807-928-2 Sequence 2, Appli 54 222 9.5 191 3 US-08-807-928-2 Sequence 2, Appli 54 222 9.5 191 3 US-08-807-928-2 Sequence 2, Appli 54 222 9.5 191 3 US-08-807-928-2 Sequence 2, Appli 54 222 9.5 191 3 US-08-807-928-2 Sequence 2, Appli 54 222 9.5 191 3 US-08-807-928-2 Sequence 2, Appli 54 222 9.5 191 3 US-08-807-928-2 Sequence 2, Appli 54 222 9.5 191 3 US-08-807-928-2 Sequence 2, Appli 54 222 9.5 191 3 US-08-807-928-2 Sequence 2, Appli 54 222 9.5 191 3 US-08-807-928-2 Sequen
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ALIGNMENTS

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US-0F-99-400

US-0F-79-4-10

US-0F-79-4-10

PERGRAL INFORMATION

STREET: CALCAGO

COUNTRY

CITY. CALCAGO

COMPUTER READABLE FORM

MEDIUM TYPE: PLOPPY disk

MEDIUM TYPE: PROPPE AND ADDRAL TO AD
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                                                                                                                                                                                     Gaps
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JOUKOV, Vladomir
TILLE OF INVENTON: Receptor Ligand
NUMBER OF SEQUENCES: 35
CORRESPONDENCE ADDRESS:
ADDRESSE: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 South Macker Drive
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0
                                                                                                                                                        Length 419;
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OPREATING SYSTEM: PC-DOS/MS-DOS
OPREATING SYSTEM: Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                     100.0%; Score 2336; DB 3;
100.0%; Pred. No. 2.2e-202;
tive 0; Mismatches 0;
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REFERENCE/DOCKET NUMBER: 28113/32863
TELECOMMUNICATION INFORMATION:
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COUNTRY: United States of America
ZIP: 6060-6402
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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CLASSIFICATION: <Unknown>
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                                                             LENGIH: 419 amino acids
                                                                                                                                                                   Local Similarity 100.
mes 419; Conservative
           TELEX: 25-3856
INFORMATION FOR SEQ ID NO:
312/474-0448
                                           SEQUENCE CHARACTERISTICS
                                                                                                       MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CITY: Chicago
                                                                          TYPE: amino acid
TOPOLOGY: linear
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TELEFAX:
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Matches
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APPLICANT: Ludwig Institute for Cancer Research
Helsinki University Licensing
Alitalo, Kari(U.S. only)
Joukov, Vladimir (U.S. only)
TITLE OF INVENTION Rescular Endothelial Growth Factor C (VEGF-C)
Protein and Gene, Mutants Thereof, and Uses Thereof
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                                                                                                                                                                                                                                                                                                        Length 419;
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STATE: Illinois
CONNETY: United States of America
ZIP: 60606-6402
COMPUTER: EACHORY:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPUTELIAble
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFWARR: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                    Indels
                                                                                                                                                                                                                                                                                                   Query Match 100.0%; Score 2336, DB 3; Best Local Similarity 100.0%; Pred. No. 2.2e-202; Matches 419; Conservative 0; Mismatches 0;
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FILING DATE: 05-No. 6361946-1999
CLASSIFICATION: <URKNOWN>
                                                                                                                                                                 TOPOLOGY: linear

MOLECLE TYPE: protein

SEQUENCE DESCRIPTION: SEQ ID NO: 35:
US-08-510-133A-35
TELEPHONE: 312/474-6300
TELEPAX: 312/474-0448
TELEX: 25-3856
INFORMATION FOR SEQ ID NO: 35:
SEQUENCE CHARACTERISTICS:
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                                                                                                                            LENGIH: 419 amino acids TYPE: amino acid
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CORRESPONDENCE ADDRESS:
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Sequence 3, Application US/08706054A
Patent No. 6451764
GENERAL INFORMATION:
APPLICANT: Lee, James
Wood, William I.
                                                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
NAME: Gass, David A.
REGISTRATION NUMBER: 38,153
                                                                                                                                                                                                                                                                                                                                    REFERENCE/DOCKET NUMBER: 28
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/474-6300
                                                                                                                                                                                                                                                                                                                                                                                                                                                       : 419 amino acids
amino acid
                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: 312/474-0448
TELEX: 25-3856
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Best Local Similarity 100. Matches 419; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: linear

MOLECULE TYPE: protein

US-08-601-132-33
                     CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                   FILING DATE:
CLASSIFICATION: 530
 NUMBER OF SEQUENCES:
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US-08-706-054A-3
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                                                                                                                                                                                                                                                                                               REFERENCE/DOCKET NUMBER: 28967/34140
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/474-6300
TELEPHONE: 25-3856
                            PILING DATE: 05-FEB-1997
APPLICATION NUMBER: PCT/F196/00427
FILING DATE: 01-AUG-1996
PHILING DATE: 28-JUN-1996
APPLICATION NUMBER: 08/601,132
                                                                                                                               FILING DATE: 14-FEB-1996
APPLICATION NUMBER: 08/585,895
FILING DATE: 12-JAN-1996
APPLICATION NUMBER: 08/510,133
FILING DATE: 01-AUG-1995
                                                                                                                                                                                                                 APPLICATION NUMBER: 08/340,011
FILING DATE: 14-NOV-1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 8:
               APPLICATION NUMBER: 08/795,430
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Patent No. 6403088
GENERAL INFORMATION:
APPLICANT: Alitalo, Kari
APPLICANT: Joukov, Vladimir
TITLE OF INVENTION: Receptor Ligand
                                                                                                                                                                                                                                                                                    REGISTRATION NUMBER: 38,153
                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
LENGTH: 419 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                     NAME: Gass, David A.
                                                                                                                                                                                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO: 8:
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-08-601-132-33
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61 RSVSSVDELMTVLYPEYWKMYKQQLRKGGWQHNREQANLNSRTEETIKFAAAHTNTEILK 120
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ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun STREET: 6300 Sears Tower, 233 South Wacker Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Indels
                                     CITY: Chicago
STATE: Illinois
COUNTRY: United States of America
ZIP: 6606-6402
COMPUTER READALE FORM:
WEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            100.0%; Score 2336; DB 4;
100.0%; Pred. No. 2.2e-202;
iive 0; Mismatches 0;
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FILE REFERENCE: P0963R1D1
CURRENT APPLICATION NUMBER: US/09/313,299B
CURRENT FILING DATE: 1999-05-17
EARLIER APPLICATION NUMBER: US 08/706,054
EARLIER APPLICATION NUMBER: US 60/003,491
EARLIER APPLICATION NUMBER: US 60/003,491
EARLIER FILING DATE: 1995-09-08
NUMBER OF SEQ ID NOS: 12
SEQ ID NO 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   VRP
                                                         APPLICANT: Lee, James
APPLICANT: Wood, William I.
TITLE OF INVENTION: VEGF-RELATED PROTEIN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            INCATION: 1-419
OTHER INFORMATION: Sequence source:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 2, Application US/08999811; Patent No. 5932540; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 99.68;
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                              GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Human
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME/KEY: Human
                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 419
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                                          CORRESPONDENCES ADDRESS:
CORRESPONDENCE ADDRESS:
ADDRESSE: Genentech, Inc.
STREE: 460 Point san Bruno Blvd
CITY: South San Francisco
STATE: California
COMPUTRY: USA
ZIP: 94080
COMPUTRY: USA
COMPUTRY: USA
COMPUTRY: USA
COMPUTRY: USA
COMPUTRY: USA
SOFTWARE: WINDALIA (Genentech)
CURRENT APPLICATION NUMBER: US/08/706,054A
FILING DATE: 30-AUGHONDATA:
PRIOR APPLICATION DATA:
CLASSIFICANION: AUGHONDATA
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
CLASSIFICATION DATA:
PRIOR ADDRICATION DATA:
CLASSIFICATION DATA:
CLASSIFICATION DATA:
CLASSIFICATION DATA:
PRIOR ADDRICATION DATA:
CLASSIFICATION 
TITLE OF INVENTION: VEGF-Related Protein
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: 60/003491
FILING DATE: 08-Sep-1995
ATTORNEY/AGENT INFORMATION:
NAME: Lee, Wendy M.
REGISTRATION NUMBER: P-40,378
REFERENCE/DOCKET NUMBER: P-99933R1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY: Linear
SEQUENCE DESCRIPTION: SEQ ID NO: 3:
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TELEPHONE: 415/225-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 419 amino acids
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TELEX: 910/371-7168
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Matches 418; Conservative
                              NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-08-706-054A-3
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US-09-313-299-3
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Sequence 3, Application US/09313299B

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61 RSVSSVDELMTVLIPETWKMYKCQLRKGGWQHNREQANLNSRTEEFIKFAAAHTNTEILK 120
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                                                                                                                                                                                                                                                                                                                                                                                                                    61 RSVSSVDELMTVLYPEYWKMYKCQLRKGGWQHNREQANLNSRTEETIKFAAAHYNTEILK 120
                                                                                                                                                                                                                                                                                          SIDNEWRKTQCMPREVCIDVGKEFGVATNTFFKPPCVSVYRCGGCCNSEGLQCMNTSTSY 180
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      241 KTCPTNYMWNNHICRCLAQEDFMFSSDAGDDSTDGFHDICGPNKELDEETCQCVCRAGLR 300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  301 PASCGPHKELDRNSCQCVCKNKLFPSQCGANREFDENTCQCVCKRTCPRNQPLNPGKCAC 360
                                                                                                1 MHILIGFFSVACSLLAAALLPGPREAPAAAAFESGLDLSDAEPDAGEATAYASKDLEEQL 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   361 ECTESPQKCLLKGKKFHHQTCSCYRRPCTNRQKACEPGFSYSEEVCRCVPSYWKRPQMS 419
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 MHLIGFFSVACSLLAAALLPGPREAPAAAAARESGLDLSDABPDAGEATAYASKDLEEQL
                                                Gaps
                                             0;
  Length 419;
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APPLICANT: ROSEN, CRAIG A.
APPLICANT: CAO, LIANG
TITLE OF INVENTION: VASCULAR ENDOTHELIAL GROWTH FACTOR 2
NUMBER OF SEQUENCES: 15
CORRESPONDENCE ADDRESS:
                                             Indels
Score 2327; DB 4;
Pred. No. 1.4e-201;
0; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX
STREET: 1100 NEW YORK AVENUE
CITY: WASHINGTON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STATE:
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61 RSVSSVDELMTVLXPEYWRMYKCQLRKGGWQHNREQANLNSRTEETIKFAAAHTWTEILK 120
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     KICPINYMWNNHICRCLAQEDFMFSSDAGDDSTDGFHDICGPNKELDEETCQCVCRAGLR 300
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PASCGPHKELDRNSCQCVCKNKLFPSQCGANREFDENTCQCVCKRTCPRNQPLNPGKCAC 360
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ECTESPORCILKGKKFHHQTCSCYRRPCTNRQKACEPGFSYSEEVCRCVPSYWKRPQMS 419
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 MHLLGFFSVACSLLAAALLPGPREAPAAAAFESGLDLSDAEPDAGEATAYASKDLEEQL
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                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Petchtin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/042,105
ALUNESS:
STERNE, STERNE, GOLDSTEIN & FOX
STREET: 1100 NEW YORK AVENUE
CITY: WASHINGTON
STATE: DC
COUNTRY: US>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Score 2326; DB 3;
Pred. No. 1.7e-201;
1; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1488.1000003/EKS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TO BE ASSIGNED
                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/207,550
FILING DATE: 8-MAR-1994
                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/465,968
FILING DATE: 06-JUN-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: (202)371-2540
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 419 amino acids
TYPE: amino acid
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION:
NAME: ERIC K. STEFFE
REGISTRATION NUMBER: 36,688
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             REFERENCE/DOCKET NUMBER: 14
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)371-2600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: TO BE I
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        99.68;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity 99.5
Matches 417; Conservative
                                                                                                                                                                                                                                                                                                           HEREWITH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; MOLECULE TYPE: protein US-09-042-105-2
                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: 8. CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                               CLASSIFICATION:
                                                                                                                                                                                                                                                                                                               FILING DATE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              61 RSVSSVDELMTVLYPEYWKMYKCQLRKGGWQHNREQANLNSRTEETIKFAAAHYNTEILK 120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   121 SIDNEWRKTQCMPREVCIDVGKEFGVATNTFFKPPCVSVYRCGGCCNSEGLQCMNTSTSY 180
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LSKTLFEITVPLSQGPKPVTISFANHTSCRCMSKLDVYRQVHSIIRRSLPATLPQCQAAN 240
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       KTCPTNYMWNHICRCLAQEDFMFSSDAGDDSTDGFHDICGPNKELDEETCQCVCRAGLR 300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PASCGPHKELDRNSCQCVCKNKLFPSQCGANREFDENTCQCVCKRTCPRNQPLNPGKCAC 360
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Patent No. 6040157
GENERAL INFORMATION:
APPLICANT: HU, JING-SHAN
APPLICANT: ROSEN, CRAIG A.
APPLICANT: CAO, LIANG
TITLE OF INVENTION: VASCULAR ENDOTHELIAL GROWTH FACTOR 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Indels
                                                                                                                      SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICARION DATA:
PAPLICATION NUMBER: US/08/999,811
PILING DATE: HEREWITH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Score 2326; DB 2;
Pred. No. 1.7e-201;
1; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                           NAME: MARKOWICZ, KRREN R.
REGISTATION UNBER: 36,351
REFERENCE, ODCKET NUBER: 148.100004
TELECOMMUNICATION INFORMATION:
TELEFAX: (202)371-2540
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERSTICS:
LENGTH: 419 amino acids
TYPE: amino acids
                                                                                                                                                                         FILING DATE: HERENITH
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/207,550
FILING DATE: 8-MAR-1994
PROR APPLICATION NUMBER: US 08/465,968
FILING DATE: 0-JUN-1995
APPLICATION NUMBER: US 08/465,968
FILING DATE: 06-JUN-1995
APPLICATION NUMBER: US 08/465,968
FILING DATE: 06-JUN-1995
                                                               MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               99.6%;
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Matches 417; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY: linear

MOLECULE TYPE: protein

US-08-999-811-2
                                               COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                           20005
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APPLICANT: Ludwig Institute for Cancer Research
Helsinki University Licensing
Alitalo, Rari(U.S. only)
Joukov, Vladimir (U.S. only)
TITLE OF INVENTION: Vascular Endothelial Growth Factor C (VEGF-C)
Protein and Gene, Mutants Thereof, and Uses Thereof
                             181 LSKTLFEITVPLSQGPKPVTISFANHTSCRCMSKLDVYRQVHSIIRRSLPATLPQCQAAN 240
                                                       241 KTCPINYMWNNHICRCLAQEDFMFSSDAGDDSTDGFHDICGPNKELDEETCQCVCRAGLR 300
                                                                                                                                                 241 KTCPINYMNNHICRCLAQEDFMFSSDAGDDSTDGFHDICGPNKELDESTCQCVCRAGLR 300
                                                                                                                                                                                                                 301 PASCGPHKELDRNSCQCVCKNKLFPSQCGANREFDENTCQCVCKRTCPRNQPLNPGKCAC 360
                                                                                                                                                                                                                                         ECTESPOKCLLKGKKFHHQTCSCYRRPCINRQKACEPGFSYSEEVCRCVPSYWKRPQMS 419
                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 South Wacker Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STATE: Illinois
COUNTRY: United States of America
ZIP: 60606-608
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IPM PC compatible
SPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/355,700
FILING DATE: 05-00, 6361946-1999
CLIASSTECATION DATA:

APPLICATION DATA:

APPLICATION NUMBER: 08/795,430
FILING DATE: 05-FEB-1997
APPLICATION NUMBER: PCT/FI96/00427
FILING DATE: 01-AUG-1996
APPLICATION NUMBER: 08/671,573
FILING DATE: 28-JUN-1996
APPLICATION NUMBER: 08/671,573
FILING DATE: 14-FEB-1996
APPLICATION NUMBER: 08/601,132
FILING DATE: 14-FEB-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     28967/34140
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FILING DATE: 12-0AN-1996
APPLICATION NUMBER: 08/510,133
FILING DATE: 01-AUG-1995
APPLICATION NUMBER: 08/340,011
FILING DATE: 14-NOV-1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Gass, David A.
REGISTRATION NUMBER: 38,153
REFERENCE/DOCKET NUMBER: 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                              US-09-355-700-58
; Sequence 58, Application US/09355700
; Patent No. 6361946
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEPHONE: 312/474-6300
TELEFAX: 312/474-0448
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEX: 25-3856
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                                                                                                                                                                                                                                                                                                           361
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                                                                                                                                                                                                            APFLICANT: HU, JING-SHAN
APPLICANT: ROSEM, CRAIG A.
APPLICANT: CAO, LIANG
TITLE OF INVENTION: VASCULAR ENDOTHELIAL GROWTH FACTOR 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: Patchtin Release #1.0, Version #1.30 CURRENT APPLICATION DATA: PAPLICATION NUMBER: US/09/042,105 FILING DATE: HEREWITH CLASSIFICATION: PRIOR APPLICATION DATA: PRIOR APPLICATION DATA: PRIOR APPLICATION DATA: CLASSIFICATION UNMBER: US 08/207,550 FILING DATE: #NAR-1994 CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                         STERNE, KESSLER, GOLDSTEIN & FOX
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1488.1000003/EKS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER:
TILING DATE: 24 -DEC-1997
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: BRIC K. STEFFE
REGISTRATION NUMBER: 36,688
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US 08/465,968
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                   Sequence 18, Application US/09042105
Patent No. 6040157
                                                                                                                                                                                                                                                                                                                                                                          1100 NEW YORK AVENUE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)371-2600
TELEPAX: (202)371-2540
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 06
FILING DATE: 06-JUN-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         REFERENCE/DOCKET NUMBER:
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Best Local Similarity 99.5
Matches 417; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                          STREET: 1100 NEW CITY: WASHINGTON
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                                                                                                                                                                                                                                                                                                                                                                                                                      STATE: DC
COUNTRY: US
ZIP: 20005
                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE:
                                                                                                             US-09-042-105-18
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61 RSVSSVDELMTVKYPEYWKMYKCQLRKGGWQHNREQANLNSRTEETIKFAAAHYNTEILK 120
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Alitalo, Kari
APPLICANT: Joukov, Vladimir
TITLE OF INVENTION: Vascular Endothelial Growth Factor C (VEGF-C)
TITLE OF INVENTION: Protein and Gene, Mutants Thereof, and Uses Thereof
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                            1 MHLLGFFSVACSLLAAALLPGPREAPAAAAFESGLDLSDAEPDAGEATAYASKDLEEQL 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         361 ECTESPOKCLLKGKKFHHQTCSCYRRPCTNRQKACEPGFSYSEEVCRCVPSYWKRPQMS 419
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                                                                                                                                                                                                                                                                                                   99.3%; Score 2320; DB 5; Length 419; 99.3%; Pred. No. 6.1e-201;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSE: Marshall, O'Toole, Gerstein, Murray & Borun STREET: 6300 Sears Tower, 233 South Wacker Drive CITY: Chicago STATE: Illinois COUNTRY: United States of America ZIP: 60606-6402
                                                                                                                                                                                                                                                                                                                                          Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                      Pred. No. 6.1e
1; Mismatches
                                                             325800-288
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APPLICATION NUMBER: US/08/795,430
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 11, Application US/08795430 Patent No. 6130071 GENERAL INFORMATION:
   ATTORNEY/AGENT INFORMATION:
NAME: FERRARO, GREGORY D.
REGISTRATION NUMBER: 36,134
                                                      REFERENCE/DOCKET UNMER: 323
TELECOMMUNICATION INFORMATION:
TELEPRONE: 201-994-1700
TELEPRONE: 201-994-1744
INFORMATION FOR SEQ ID NO: 2:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ZIP: 60606-6402
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                    SEQUENCE CHARACTERISTICS:
LENGTH: 419 AMINO ACIDS
TYPE: AMINO ACID
                                                                                                                                                                                                                                                                                                                      Best Local Similarity 99.3
Matches 416; Conservative
                                                                                                                                                                                                                                             MOLECULE TYPE: PROTEIN
                                                                                                                                                                                                          STRANDEDNESS:
TOPOLOGY: LINEAR
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US-08-795-430-11
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            UTHER INFORMATION: /note= "codon 156 can be anything other than cysteine, or can be nothing"
SEQUENCE DESCRIPTION: SEQ ID NO: 58:
                                                                                                                                                                                                                                               Gaps
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                                                                                                                                                                                                          Length 419;
                                                                                                                                                                                                                                             Indels
                                                                                                                                                                                                      Score 2325; DB 4;
Pred. No. 2.1e-201;
0; Mismatches 1;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM PS/2
OPERATING SYSTEM: MS-DOS
SOFTWARE: WORD PERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/09001
STRANDEDNESS: not relevant
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CLASSIFICATION
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/465,968
FILING DAFE: 6 JUN 95
APPLICATION NUMBER: 08/207,550
FILING DATE: 8 MAR 1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 2, Application PC/TUS9609001 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 E: 3.5 INCH DISKETTE IBM PS/2
                                                                                                                                                                                                      99.5%;
99.8%;
                                                                                          LOCATION: 156
OTHER INFORMATION:
                 TOPOLOGY: linear MOLECULE TYPE: protein
                                                                           other
                                                                                                                                                                                                   Query Match
Best Local Similarity 99.8'
Matches 418; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM: MEDIUM TYPE: 3.5 INC.
                                                                         NAME/KEY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             USA
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                                                                                                                                                                  US-09-355-700-58
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GENERAL INFORMATION:
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   61 RSVSSVDELMSVLYPDYWKMYKCQLRKGGWQ----QPTLNTRTGDSVKFAAAHYNTEILK 116
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SIDNEWRKTQCMPREVCIDVGKEFGVATNTFFKPPCVSVYRCGGCCNSEGLQCMNTSTSY 180
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 KICPINIMWNNHICRCLAQEDFWFSSDAGDDSTDGFHDICGPNKELDEETCQCVCRAGLR 300
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              237 KTCPINYWNNYMCRCLAQQDFIFYSNVEDDSTNGFHDVCGPNKELDEDTCQCVCKGGLR 296
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ||||: ||| |||||||||||||||| : ECTENTQKCFLKGKKFHQTCSCYRRPCANRIKHCDPGLSFSEEVCRCVPSYWKRPHLN 415
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ECTESPQKCLLKGKKFHHQTCSCYRRPCTNRQKACEPGFSYSEEVCRCVPSYWKRPQMS 419
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 MHLIGFFSVACSLLAAALLPGPREAPAAAAFESGLDLSDAEPDAGEATAYASKDLEEQL
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; Pred. No. 1.9e-176;
28; Mismatches 29; Indels
                                                                                                                                  PRIOR APPLICATION DATA:

APPLICATION DATA:

APPLICATION NUMBER: 08/671,573

FILING DATE: 28-JUN-1996

PRIOR APPLICATION NUMBER: 08/601,132

FILING DATE: 14-FEB-1996

FILING DATE: 14-FEB-1996

FILING DATE: 12-JAN-1996

PRIOR APPLICATION NUMBER: 08/58,895

FILING DATE: 12-JAN-1996

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/510,133

FILING DATE: 01-AUG-1955

PRIOR APPLICATION NUMBER: 08/30,011

FILING DATE: 14-NOV-1994

ATTORNEY/AGBAT INFORMATION:

RESISTRATION NUMBER: 38,153

RESISTRATION NUMBER: 38,153

RESISTRATION NUMBER: 38,153

RESERRING-TOOKET NUMBER: 28967/33691

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION INFORMA
                                                                                     APPLICATION NUMBER: PCT/F196/00427
FILING DATE: 01-AUG-1996
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US-00-355-700-11
Sequence 11, Application US/09355700
; Patent No. 6361946
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEX: 25-3856
INFORMATION FOR SEQ ID NO: 11:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       87.78;
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LENGTH: 415 amino acids
TYPE: amino acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; MOLECULE TYPE: protein US-08-795-430-11
                                                      PRIOR APPLICATION DATA:
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                       CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY:
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APPLICANT: Ludwig Institute for Cancer Research
Helsinki University Licensing
Alitalo, Rari(U.S. only)
Joukov, Vladimir (U.S. only)
TITLE OF INVENTION: Vascular Enchothelial Growth Factor C (VEGF-C)
Protein and Gene, Mutants Thereof, and Uses Thereof
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            61 RSVSSVDELMSVLYPDYWKMYKCQLRKGGWQ----QPTLNTRTGDSVKFAAAHYNTEILK 116
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             121 SIDNEWRKTQCMPREVCIDVGKEFGVATNTFFKPPCVSVTRCGGCCNSEGLQCMNTSTSY 180
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      181 LSKTLFEITVPLSQGPKPVTISFANHTSCRCMSKLDVYRQVHSIIRRSLPATLPQCQAAN 240
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                                                                                                                                                                                                            ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun STREET: 6300 Sears Tower, 233 South Wacker Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Length 415;
                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: ITEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOGTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/355,700
FILING DATE: 05-No. 6361946-1999
CLASSIFICATION NUMBER: US/09/355,430
FILING DATE: 05-No. 6361946-1999
FILING DATE: 01-FEB-1997
APPLICATION NUMBER: PCT/F196/00427
FILING DATE: 01-AUG-1996
APPLICATION NUMBER: 08/61,132
FILING DATE: 12-JAN-1996
APPLICATION NUMBER: 08/510,133
FILING DATE: 12-JAN-1996
APPLICATION NUMBER: 08/510,133
FILING DATE: 12-JAN-1996
APPLICATION NUMBER: 08/510,133
FILING DATE: 10-AUG-1995
FILING DATE: 10-AUG-1995
APPLICATION NUMBER: 08/340,011
FILING DATE: 10-AUG-1994
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85.4%; Pred. No. 1.9e-176;
tive 28; Mismatches 29;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ATTORNEY/AGENT INFORMATION:
NAME: GASS, DAVÍA A.
REGISTRATION NUMBER: 38,153
REFERENCE/DOCKET NUMBER: 28967/34140
                                                                                                                                                                                                                                                                                   STATE: Illinois
COUNTRY: United States of America
ZIP: 60606-6402
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY: linear;
MOLECLLE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 11:
US-09-355-700-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/474-6300
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INFORMATION FOR SEQ ID NO: 11:
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                                                                                                                                                             NUMBER OF SEQUENCES:
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                                                                                                                                                                                                                                                             CITY: Chicago
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      VPLSQGPKPVTISFANHTSCRCMSKLDVYRQVHSIIRRSLPATLPQCQAANKTCPTNYMW 249
   LSKILFEITVPLSQGPKPVTISFANHTSCRCMSKLDVYRQVHSIIRRSLPATLPQCQAAN 240
                   KTCPTNYMMNNHICRCLAQEDFMFSSDAGDDSTDGFHDICGPNKELDEETCQCVCRAGLR 300
                                                                                        PASCGPHKELDRNSCQCVCKNKLFPSQCGANREFDENTCQCVCKRTCPRNQPLNPGKCAC 360
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STREET: 6300 Sears Tower, 233 South Wacker Drive
CITY: Chicago
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDUM TYPE: Floppy disk
MEDUM TYPE: Floppy disk
COMPUTER: TBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFWMARE: PETENTEN Release #1.0, Version #1.25
CURRENT APPLICATION NUMBER: US/08/510,133A
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100.0%; Pred. No. 4e-172;
ive 0; Mismatches 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   28113/32863
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STATE: Illinois
COUNTRY: United States of America
ZIP: 60606-6402
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 33:
                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Alitalo, Kari
Joukov, Vladomir
TITLE OF INVENTION: Receptor Ligand
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: Gass, David A.
REGISTRATION NUMBER: 28,153
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/474-6300
TELEPAS: 312/474-6300
TELERAX: 312/474-6300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE: 01-Aug-1995
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                             Sequence 33, Application US/08510133A Patent No. 6221839 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
LENGTH: 350 amino acids
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                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: amino acid
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Matches 350; Conservative
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                                                                      PASCGPHKELDRNSCQCVCKNKLFPSQCGANREFDENTCQCVCKRTCPRNQPLNPGKCAC 360
                                                                                                                                           61 RSVSSVDELMTVLYPEYWKMYKCQLRKGGWQHNREQANLNSRTEETIKFAAAHYNTEILK 120
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                                                      KTCPTNYMWNNHICRCLAQEDFWFSSDAGDDSTDGFHDICGPNKELDEETCQCVCRAGLR 300
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                                                                                                                                                                                                            ECTESPOKCLIKGKKFHHQTCSCYRRPCTNRQKACEPGFSYSEEVCRCVPSYWKRPQMS 419
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 MHILGFFSVACSILAAALLPGPREAPAAAAFESGLDLSDAEPDAGEATAYASKDLEEQL
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                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun STREET: 6300 Sears Tower, 233 South Wacker Drive
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CITY: Chicago
STATE: Illinois
STATE: Illinois
COUNTR: United States of America
ZIP: 6666-6402
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIR Release #1.0, Version #1.25
CURRENT APPLICATION NUMBER: US/08/601,132
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; Score 2043; DB 4;
; Pred. No. 5.4e-176;
28; Mismatches 30;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
NAME: Gass, David A.
REGISTRATION UMBER: 38,153
REFERENCE/DOCKET NUMBER: 28113/33118
TELECOMMUNICATION: INFORMATION:
TELEPHONE: 312/474-6300
                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Alitalo, Kari
APPLICANT: Alokov, Vladimir
TITLE OF INVENTION: Receptor Ligand
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                             Sequence 41, Application US/08601132 Patent No. 6403088
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEX: 25-3856 INFORMATION FOR SEQ ID NO: 41:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         87.5%;
85.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      : 415 amino acids amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity 85.29
Matches 357; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 312/474-0448
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; MOLECULE TYPE: protein US-08-601-132-41
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE:
CLASSIFICATION: 530
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          linear
                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
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121 VPLSQGPKPVTISFANHTSCRCMSKLDVTRQVHSIIRRSLPATLPQCQAANKTCPTNYMM 180

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QY	250 NNHICRCLAQEDFMFSSDAGDDSTDGFHDICGPNKELDEETCQCVCRAGLRPASCGPHKE 309
ąα	181 NNHICKCLAQEDFWFSSDAGDDSTDGFHDICGPNKELDEETCQCVCRAGLRFASCGFHKE 240
δy	310 LDRNSCQCVCKNKLFPSQCGANREFDENTCQCVCKRTCPRNQPLNPGKCACECTESPQKC 369
qa	241 LDRNSCQCVCKNKLFPSQCGANREFDENTCQCVCKRTCPRNQPLNPGKCACECTESPQKC 300
QY	370 LLKGKKFHHQTCSCYRRPCTNRQKACEPGFSYSEBVCRCVPSYWKRPOMS 419
qđ	301 LLKGKKFHHQTCSCYRRPCTNRQRACEFGYSEEVCRCVPSYWKRPQMS 350
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Search completed: September 13, 2003, 14:16:47 Job time: 32 secs

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970.433 Million cell updates/sec
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2336
1 MHLIGFFSVACSLLAAALLP.....SYSEEVCRCVPSYWKRPQMS 419
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2: \cgn2_6\ptodata/2\pubpaa/USO7_PUBCOMB.pep:*

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/cgn2_6/ptodata/2/pubpaa/US10_LMBW_PUB.pep:*
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Copyright (c) 1993 - 2003 Compugen Ltd.
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

		Description	Sequence 22, Appl	Sequence 12, Appl		Sequence 3, Appli	Sequence 12, Appl	Sequence 8, Appli	Sequence 24, Appl	Sequence 3, Appli	Sequence 2, Appli	Sequence 18, Appl	Sequence 2, Appli		Sequence 18, Appl		Sequence 11, Appl
		ID	US-09-795-006A-22	US-09-852-209A-12	US-09-375-248-4	US-10-044-622-3	US-10-131-600-12	US-10-201-386-8	US-10-262-538-24	US-10-346-802-3	US-09-935-726-2	US-09-935-726-18	US-10-127-551-2	US-10-084-488-2	US-10-084-488-18	US-10-201-386-58	US-10-201-386-11
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		Score	2336	2336	2336	2336	2336	2336	2336	2327	2326	2326	2326	2326	2326	2325	2048
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Sequence 4, Appli Sequence 2, Appli Sequence 13, Appli Sequence 3, Appli Sequence 3, Appli Sequence 3, Appli Sequence 11, Appli Sequence 11, Appli Sequence 2, Appli Sequence 2, Appli Sequence 2, Appli Sequence 2, Appli Sequence 13, Appli Sequence 13, Appli Sequence 13, Appli Sequence 14, Appli Sequence 14, Appli Sequence 14, Appli Sequence 1, Appli Sequence 15, Appli Sequence 15, Appli Sequence 15, Appli Sequence 15, Appli
US-09-935-726-4 US-10-060-523-2 US-10-084-488-4 US-10-201-386-13 US-10-201-386-13 US-10-201-386-13 US-10-201-386-13 US-10-201-386-13 US-10-201-386-13 US-09-956-095-2 US-09-795-006A-111 US-09-795-006A-111 US-09-795-006A-113 US-09-795-006A-13 US-10-139-876-2 US-10-139-876-4 US-10-139-876-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-106A-155-
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ALIGNMENTS

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61 RSVSSVDELMTVLYPPEYWKMYKCQLRKGGWQHNREQANLNSRTEETIKFAAAHYNTEILK 120
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                                     Sequence 2. Application US/09795006A

Sequence 2. Application US/09795006A

Patent No. US20020151680A1

GENERAL INFORMATION:

APPLICANT: Alitalo et al

TITLE OF INVENTION: MATERIALS AND METHODS INVOLVING HYBRID VASCULAR

TITLE OF INVENTION: ENDOTHELIAL GROWTH FACTOR DNAS AND PROTEINS

FILE REFERENCE: 208967/359787

CURRENT FILING DATE: 2001-02-26

PRIOR PILING DATE: 2000-05-18

PRIOR PELICATION NUMBER: US 60/205,331

PRIOR PELICATION NUMBER: US 60/205

NUMBER OF SEQ ID NOS: 175

NUMBER OF SEQ ID NOS: 175

NUMBER OF SEQ ID NOS: 175

NUMBER OF SEQ ID NOS: 175
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; ORGANISM: Homo sapiens
US-09-795-006A-22
RESULT 1
US-09-795-006A-22
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LENGTH: 419
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APPLICANT: Ferrell, Robert E.
APPLICANT: Altalo, Kari
APPLICANT: Altalo, Maria
APPLICANT: Finegold, David N.
APPLICANT: Fankkainen, Marika
TITLE OF INVENTION: SCREBMING AND THERAPY FOR LYMPHATIC DISORDERS INVOLVING
TITLE OF INVENTION: THE FLT4 RECEPTOR TYROSINE KINASE (VEGFR-3)
FILE REFERENCE: 28967/35255A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  61 RSVSSVDELATVLYPETWKMYKOCLRKGGWOHNREQANLNSRTEETIKFAAAHYNTEILK 120
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                                     KICPTNYMWNNHICRCLAQEDFMFSSDAGDDSTDGFHDICGPNKELDEETCQCVCRAGLR 300
                                                          PASCGPHKELDRNSCQCVCKNKLFPSQCGANREFDENTCQCVCKRTCPRNQPLNPGKCAC 360
                                                                                                                                  PASCGPHKELDRNSCQCVCKNKLFPSQCGANREFDENTCQCVCKRTCPRNQPLNPGKCAC 360
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/09/375,248
CURRENT FILING DATE: 1999-08-16
CURRENT FILING DATE: 1999-08-26
BARLIER PILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 28
                                                                                                                                                                                                                                                                                                              ; Sequence 4, Application US/09375248
; Publication No. US20030026759A1
; GENERAL INFORMATION:
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nes 419; Conservative
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                           RESULT 3
US-09-375-248-4
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             LSKTLFEITVPLSQGPKPVTISFANHTSCRCMSKLDVYRQVHSIIRRSLPATLPQCQAAN 240
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                                                                                                           PASCGPHKELDRNSCQCVCKNKLFPSQCGANREFDENTCQCVCKRTCPRNQPLNPGKCAC 360
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APPLICANT: ALITADO, ARGA

APPLICANT: HELDIN, CARI-Henrik
APPLICANT: HELDIN, CARI-Henrik
APPLICANT: HELDIN, CARI-HENRIK
APPLICANT: BENEGOLTE.
TITLE OF INVENTION: PLATELET-DERIVED GROWTH FACTOR C,
TITLE OF INVENTION: PLATELET-DERIVED GROWTH FACTOR
TITLE OF INVENTION: THEREFOR, AND USES THEREOF
TITLE OF INVENTION: THEREFOR, AND USES THEREOF
TITLE OF INVENTION: 09-410.349
PRIOR APPLICATION NUMBER: 09/410,349
PRIOR APPLICATION NUMBER: 60/110,749
PRIOR PILING DATE: 1998-12-03
PRIOR APPLICATION NUMBER: 60/113,002
PRIOR APPLICATION NUMBER: 60/113,002
PRIOR APPLICATION NUMBER: 60/113,002
PRIOR FILING DATE: 1998-12-18
PRIOR FILING DATE: 1999-05-11
PRIOR FILING DATE: 1999-07-15
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100.0%; Pred. No. 6.7e-197;
ive 0; Mismatches 0;
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Patent No. US20020144687A1
GENERAL INFORMATION:
APPLICANT: ERIKSSON, ULf
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SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 12
LENGTH: 419
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APPLICANT: UUTELA, Marko
APPLICANT: ALITALO, Kari
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US-09-852-209A-12
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419; Conser
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100.0%; Pred. No. 6.7e-197;
ive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                     Sequence 12, Application US/10131600 Publication No. US2030082670A1 GENERAL INFORMATION: APPLICANT: ERIKSSON, Ulf
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APPLICANT: OESTMAN, Arne
APPLICANT: HELDIN, Carl-Henrik
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Best Local Similarity 100.
Matches 419; Conservative
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LEE, Xuri
PONTEN, Annica
UUTELA, Marko
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US-10-131-600-12
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MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
                                                                                                                                                                                                                                        TITLE OF INVENTION: NOVEL ENDOTHELIAL GROWTH
                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
ADDRESSER: Incyte Pharmaceuticals, Inc. STREET: 3174 Porter Drive
CITY: Palo Alto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              REFERENCE/DOCKET NUMBER: PF-0185 US
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PAPLICATION NUBER: 09/10/044,622
FILLING DATE: 09-Jan-2002
CLASSIFICATION: <unknown>
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CLONE: 1150989
SEQUENCE DESCRIPTION: SEQ ID NO: 3:
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NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
                            Sequence 3, Application US/10044622 Publication No. US20020155538A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 419 amino acids TYPE: amino acid
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                                                                                                                                                                                                                                                                           FACTOR
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                                                                                                                                APPLICANT: Bandman, Olga
Goli, Surya K.
Murry, Lynn E.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              INFORMATION FOR SEQ ID NO: 3
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Best Local Similarity 100.
Matches 419; Conservative
                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY: USA
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US-10-044-622-3
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GENERAL INFORMATION:

APPLICANT: Lee, James

APPLICANT: Wood, William I.

TITLE OF INVENTION: VEGF-RELATED PROTEIN

FILE REPRENCE: P0963RLDI

CURRENT PAPLICATION NUMBER: US/10/346,802

CURRENT FILING DATE: 2003-01-17

PRIOR APPLICATION NUMBER: US/09/313,299

PRIOR APPLICATION NUMBER: BALLIER APPLICATION NUMBER: US 08/706,054

PRIOR FILING DATE: EARLIER FILING DATE: 1996-08-30
                                                                                                                                                                                                                       Sequence 24, Application US/10262538

Publication No. US20030113324A1

Publication No. US20030113324A1

Publication No. US20030113324A1

APPLICANT: Alitalo et al

TITLE OF INVENTION: NEUROPILIN/VEGF-C/VEGFR-3 MATERIALS AND METHODS

TITLE PERERNER: 28967/37564

CURRENT APPLICATION WURBE: 2002-09-30

CURRENT APPLICATION WURBE: 2002-09-30

NUMBER OF SEQ ID NOS: 33

SOFTWARE: Patentin version 3.0

SEQ ID NO 24
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100.0%; Pred. No. 6.7e-197
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Matches 419; Conservative
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; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-262-538-24
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US-10-262-538-24
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US-10-346-802-3
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TITLE OF INVENTION: AND GENE, MUTANTS THEREOF, AND USES THEREOF GURENT FILLS REPERTATION NUMBER: US/09/534,376

PRIOR APPLICATION NUMBER: US/09/534,376

PRIOR PILLING DATE: 1999-02-02

PRIOR PILLING DATE: 1999-02-02

PRIOR PILLING DATE: 1999-02-05

PRIOR PILLING DATE: 1996-02-05

PRIOR PILLING DATE: 1996-02-05

PRIOR PILLING DATE: 1996-02-05

PRIOR PILLING DATE: 1996-01

PRIOR PILLING DATE: 1996-01-12

PRIOR PILLING DATE: 1996-01-14

PRIOR PILLING DATE: 1996-01-14
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     301 PASCGPHKELDRNSCQCVCKNKLFPSQCGANREFDENTCQCVCKRTCPRNQPLNPGKCAC 360
                                                                              ECTESPORCLLKGKKFHHQTCSCYRRPCTNRQKACEPGFSYSEEVCRCVPSYWKRPQMS 419
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                                                                                                                                                                                                                                  Sequence 8, Application US/10201386 Publication No. US20030091567A1 GENERAL INFORMATION: APPLICANT: Alitalo, Kari
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ORGANISM: Homo sapiens
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                                                        RSVSSVDELMTVLYPEYWKMYKCQLRKGGWQHNREQANLNSRTEETIKFAAAHYNTEILK 120
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 1 MHILGFFSVACSILAAAILIPGPREAPAAAAFESGLDISDAEPDAGBATAYASKDLEEQI
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APPLICANT: Cao, Liang
TITLE OF INVENTOR Vascular Endothelial Growth Factor-2
FILE REFERENCE: PF112F3D1C1
CURRENT APPLICATION NUMBER: US/09/935,726
CURRENT APPLICATION NUMBER: 09/438,538
PRIOR FILING DATE: 1999-11-12
PRIOR FILING DATE: 1999-11-12
SOFTWARE: Patentin Version 3.0
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Pred. No. 5e-196;
1; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 18, Application US/099. Publication No. US20030008357A1 GENERAL INFORMATION:
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Matches 417; Conservative
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US-09-935-726-18
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PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/003,491
PRIOR FILING DATE: EARLIER FILING DATE: 1995-09-08
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Publication No. US20030008357A1
GENERAL INFORMATION:
APPLICANT: Hu, Jin-Shan
APPLICANT: Craig, Rosen
APPLICANT: Craig, Rosen
TILE OF INVENTION: Vascular Endothelial Growth Factor-2
FILE REFERENCE: PF112P3D1C1
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Pred. No. 5e-196;
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Pred. No. 4.1e-196;
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CURRENT FILING DATE: 2001-08-24
PRIOR APPLICATION NUMBER: 09/438,538
PRIOR FILING DATE: 1999-11-12
NUMBER OF SEQ ID NOS: 35
SOFTWARE: Patentin version 3.0
SEQ ID NO 2
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Best Local Similarity 99.8<sup>3</sup>
Matches 418; Conservative
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Best Local Similarity 99.5
Matches 417; Conservative
                                 NUMBER OF SEQ ID NOS: 12
SEQ ID NO 3
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                                                                                                                                                           ; LOCATION: 1-419
; OTHER INFORMATION:
US-10-346-802-3
                                                                                        TYPE: PRT
ORGANISM: Human
                                                                                                                                            NAME/KEY: Human
                                                                     LENGTH: 419
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US-09-935-726-2
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APPLICANT: ROSE et al.

IIILE OF INVENTION: Vascular Endothelial Growth Factor 2

IIILE OF INVENTION: Vascular Endothelial Growth Factor 2

FILE REPERENCE: PF112P1

CURRENT APPLICATION NUMBER: US/10/127,551

CURRENT FILING DATE: ABALIER APPLICATION NUMBER: 08/465,968

PRIOR FILING DATE: EARLIER FILING DATE: 1995-06-06

PRIOR FILING DATE: EARLIER FILING DATE: 1994-03-08

NUMBER OF SEQ ID NOS: 10

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO. 2

SEQ ID NO. 2
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Pred. No. 5e-196;
1; Mismatches 1; Indels 0
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Publication No. US20030028007A1
GENERAL INFORMATION:
APPLICANT: Human Genome Sciences, Inc.
TITLE OF INTENTION: VASCULAR ENDOPHELIAL GROWTH FACTOR 2
NUMBER OF SEQUENCES: 35
                                                                                                                                                                      ; Sequence 2, Application US/10127551; Publication No. US20020120123A1; GENERAL INFORMATION:
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Best Local Similarity 99.55
Matches 417; Conservative
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US-10-127-551-2
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US-10-127-551-2
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                                                                                                                                                                                                                           SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION UNDER: US/10/084,488 FILING DATE: 28-Feb-2002 CLASSIFICATION: <Unknown>
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99.5%; Pred. No. 5e-196;
Live 1; Mismatches 1
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APPLICATION NUMBER: US/09/623,725
FILING DATE: 07-8ep-2000
APPLICATION NUMBER: US 09/042,105
FILING DATE: 13-WAR-1998
APPLICATION NUMBER: US 09/107,997
FILING DATE: 30-0001-1998
APPLICATION NUMBER: WALES
ATTORNEY/AGERT INFORMATION:
NAME: MICHELE M. WALES
REGISTRATION NUMBER: 43,975
ADDRESSEE: HUMAN GENOME SCIENCES,
STREET: 9410 KEY WEST AVENUE
CITY: ROCKVILLE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          REFERENCE/DOCKET NUMBER: PF112PCT3
                                                                                                                                                             MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY: linear;

MOLECULE TYPE: protein

SEQUENCE DESCRIPTION: SEQ ID NO:
US-10-084-488-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEPHONE: (301)309-8504
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 419 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: (301)309-8439 INFORMATION FOR SEQ ID NO: 2: SEQUENCE CHARACTERISTICS:
                                                                                                                                          COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    al Similarity 99.5
417; Conservative
                                                                                               COUNTRY: USA
                                                                       STATE: MD
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CHER INFORMATION: Description of Artificial Sequence: VEGF-C delta Cys156 mutan:
OTHER INFORMATION: At position 156, "Xaa" can be anything other than cysteine or
US-10-201-386-58
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         61 RSVSSVDELMTVLYPEYWKMYKCQLRKGGWQHNREQANLNSRTEETIKFAAAHYNTEILK 120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               181 LSKTLFEITVPLSQGPKPVTISFANHTSCRCMSKLDVYRQVHSIIRRSLPATLPQCQAAN 240
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       241 KTCPTNYMMNNHICRCLAQEDFMFSSDAGDDSTDGFHDICGPNKELDEETCQCVCRAGLR 300
301 PASCGPHKELDRNSCQCVCKNKLFPSQCGANREFDENTCQCVCKRTCPRNQPLNPGKCAC 360
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                                              361 ECTESPOKCLLKGKKFHHQTCSCYRRPCTNRQKACEPGFSYSEEVCRCVPSYWKRPQMS 419
                                                                                            419
                                                                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: Alitalo, Kari
APPLICANT: Alitalo, Kari
APPLICANT: Aloukov, Valadimir
TITLE OF INVENTION: VASCULARE ENDOSHELIAL GROWTH FACTOR C (VEGF-C) PROTEIN
TITLE OF INVENTION: AND GENE, MUTANTS THEREOF, AND USES THEREOF
FILE REPREMENTE. 28967/34140A
CURRENT APPLICATION NUMBER: 105/10/201,386
CURRENT FILING DATE: 2002-07-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 MHLLGFFSVACSLLAAALLPGPREAPAAAAFESGLDLSDAEPDAGEATAYASKDLEEQL
                                                                      361 ECTESPORCLIKGKKFHAQICSCYRRPCINRQKACEPGFSYSEVCRCVPSYWQRPQMS
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Pred. No. 6.2e-196;
0; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DIAGER: US/05/534,376
PRIOR FILING DATE: 2000-03-24
PRIOR FILING DATE: 2000-03-24
PRIOR FILING DATE: 1909-11-05
PRIOR FILING DATE: 1999-11-05
PRIOR FILING DATE: 1998-02-02
PRIOR FILING DATE: 1998-02-02
PRIOR FILING DATE: 1998-02-05
PRIOR PRILING DATE: 1998-02-05
PRIOR PRILING DATE: 1996-08-01
PRIOR PILING DATE: 1996-08-01
PRIOR PLILING DATE: 1996-08-01
PRIOR FILING DATE: 1996-08-01
PRIOR FILING DATE: 1996-08-01
PRIOR FILING DATE: 1996-08-18
PRIOR FILING DATE: 1996-03-14
PRIOR FILING DATE: 1996-03-14
PRIOR FILING DATE: 1996-03-14
PRIOR FILING DATE: 1996-03-14
PRIOR PRILING DATE: 1996-03-14
PRIOR FILING DATE: 1994-11-14
PRIOR FILING DATE: 1994-11-14
                                                                                                                                                                                US-10-201-386-58
; Sequence 58, Application US/10201386
; Publication No. US20030091567A1
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Best Local Similarity 99.8
Matches 418; Conservative
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LENGTH: 419
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Pred. No. 5e-196;
1; Mismatches 1; Indels 0
                                                                                  APPLICANT: Human Genome Sciences, Inc.
TITLE OF INVENTION: VASCULAR ENDOTHELIAL GROWTH FACTOR 2
NUMBER OF SEQUENCES: 35
CORRESPONDENCE ADDRESS:
ADDRESSE: HUMAN GENOME SCIENCES, INC.
STREET: 9410 KEY WEST AVENUE
CITY: ROCKVILLE
                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NOMBER: US/10/084,488
FILING DATE: 28 Feb-2002
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/09/623,725
FILING DATE: 07-Sep-2000
APPLICATION NUMBER: US 09/042,105
FILING DATE: 13-MAR-1998
APPLICATION NUMBER: US 09/107,997
FILING DATE: 30-70N-1998
ATTORNEY/AGENT INFORMATION:
NAME: MICHELE M. WALKE
REGISTRATION NUMBER: 43,975
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    REFERENCE/DOCKET NUMBER: PF112PCT3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY: linear

MOLECTLE TYPE: protein

SEQUENCE DESCRIPTION: SEQ ID NO: 18:
US-10-084-488-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELECOMMUNICATION INFORMATION:
TELEPHONE: (301)309-8504
                Sequence 18, Application US/10084488 Publication No. US20030028007A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 419 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 INFORMATION FOR SEQ ID NO: 18: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          99.6%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: amino acid
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                                                                                                                                                                                                                                                                          COUNTRY: USA
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                                                                                                                                                                                                                                                                                                ZIP: 20850
                                                                                                                                                                                                                                                      STATE: MD
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Best Local Si
Matches 417;
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APPLICANT: Alreado, Kari

TITLE OF INVENTION: VASCULAR ENDOTHELIAL GROWTH FACTOR C (VEGF-C) PROTEIN

TITLE OF INVENTION: AND GENE, MUTANTS THEREOF, AND USES THEREOF

FILE REPERRACE: 28657/41410a

CURRENT FILING DATE: 2005-07-23

CURRENT FILING DATE: 2005-07-23

PRIOR PILING DATE: 1999-02-07-23

PRIOR PILING DATE: 1998-01973

PRIOR PILING DATE: 1998-02-02

PRIOR APPLICATION NUMBER: PCT/US98/01973

PRIOR PILING DATE: 1996-02-02

PRIOR PILING DATE: 1996-02-02

PRIOR PILING DATE: 1996-02-03

PRIOR PILING DATE: 1996-06-28

PRIOR PILING DATE: 1996-06-28

PRIOR PILING DATE: 1996-06-24

PRIOR PILING DATE: 1996-06-12

PRIOR PILING DATE: 1996-06-12

PRIOR PILING DATE: 1996-08-01

PRIOR PILING DATE: 1996-11-14

NUMBER OF SEQ ID NOS: 59

SED TO NO 11
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        KTCPTNYMWNHICRCLAQEDFMFSSDAGDDSTDGFHDICGPNKELDEFTCQCVCRACLR 300
241 KTCPINYMWNHICRCLAQEDFMFSSDAGDDSTDGFHDICGPNKELDEFTCQCVCRAGLR 300
                                        PASCGPHKELDRNSCQCVCKNKLFPSQCGANREFDENTCQCVCKRTCPRNQPLNPGKCAC 360
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 MHLLGFFSVACSLLAAALLPGPREAPAAAAFESGLDLSDAEPDAGEATAYASKDLEEQL 60
                                                                                                                    361 ECTESPORCLLKGKKFHHQTCSCYRRPCTNRQKACEPGFSYSEEVCRCVPSYWKRPQMS 419
                                                                                                                                         4;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              87.7%; Score 2048; DB 15; Length 415; 85.4%; Pred. No. 1.3e-171; Live 28; Mismatches 29; Indels 4.
                                                                                                                                                                                                                                                           Sequence 11, Application US/10201386
Publication No. US20030091567A1
GENERAL INFORMATION:
APPLICANT: Alitalo, Kari
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 87.7%
Best Local Similarity 85.4%
Matches 358; Conservative
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                                                                                                                                                                                                                     RESULT 15
US-10-201-386-11
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US-10-201-386-11
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Search completed: September 13, 2003, 14:27:21 Job time : 65 secs